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available)

DESCRIPTION: *Piezoelectric crystals, Test methods,
Excitation, Energy

A simple and precise method is described for determining the quality factor Q of piezoelectric crystals. The method is based on excitation of the piezoelectric crystal with the aid of a generator adjusted to the resonance frequency of the crystal and the periodic interruption of this excitation by means of a vibrator. A curve reflecting the damping of the vibrations of the crystal is obtained. (Physics--Solid State, TT, v. 11, no. 4) (over)

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